

Museum Walk Through a Primary Indoor Winter Garden

By Lynette Sigh

Objective: To use recyclable materials to create an indoor winter garden in which Kindergarteners will learn about germination and the needs of plants.

Goal: To understand the structure and function of plants and to create an environment which promotes plant growth. To create a classroom museum to showcase knowledge learned.

Engaging Context for all Learning Styles: Video, hydroponics, and books (visual and audio learners). Designing model plants and indoor garden (Kinesthetic learners). Creating a classroom museum (visual, audio, and kinesthetic)

Intergrated STEM			
Science	Technology	Engineering	Math
investigations of plants' needs and structure	Youtube video to show time lapse of germination.	Design a winter garden using recyclable material	measure growth of plants
Observation of roots using Hydroponics	Kidspiration app to create a plant cycle diagram and organize details.	create a plant model build by students to show plants structure and function.	Create graphs to record growth
to learn how soil affects the growth of plants and to document findings.	Creating a model to understand the inside operation of plant parts and structure (design).	Brainstorm/design ways to showcase knowledge for Parent Museum Night.	Sort and organize into groups (seeds and material for the garden).